

APPENDIX E

FUEL MODEL RANKING FOR RISK

Risk based on Flame Length in Standard Weather

FUEL MODEL	RATE OF SPREAD (Chains/Hr.)	FLAME LENGTH (In Feet)	RISK
8	1.6	1.0	LOW
9	7.5	2.6	LOW
11	6.0	3.5	MEDIUM
1	78.0	4.0	MEDIUM
5	18.0	4.0	MEDIUM
10	7.9	4.8	HIGH
7	20.0	5.0	HIGH
2	35.0	6.0	HIGH
6	32.0	6.0	HIGH
12	13.0	8.0	HIGH
13	13.5	10.5	HIGH
3	104.0	12.0	HIGH
4	75.0	19.0	HIGH

Note: 1 Chain = 66 feet

Fuel models are grouped into the following four general categories.

Grass – Fuel Models 1, 2, and 3

Shrubs – Fuel Models 4, 5, 6, and 7

Timber – Fuel Models 8, 9 and 10

Logging Slash – Fuel Models 11, 12, and 13

Standard Weather: Standard weather is based on the following conditions: wind, 5mi/hr, fuel moisture content 8 percent, and live fuel moisture of 100 percent for those models with live fuel component.

(Source: General Technical Report INT-122, April 1982. Aids to Determining Fuel Models for Estimating Fire Behavior. Hal E. Anderson)